

Practice 3-5

Equations, Tables, and Graphs

Use the equation $y = -2x + 1$. Complete each solution.

1. $(0, \underline{\quad})$ 2. $(-5, \underline{\quad})$ 3. $(20, \underline{\quad})$ 4. $(-68, \underline{\quad})$

5. Determine whether each ordered pair is a solution of $y = 3x - 8$.

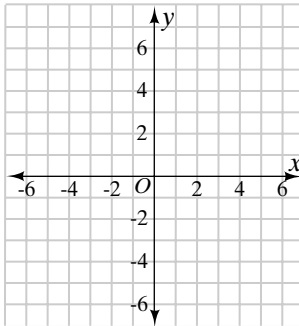
- a. $(0, -8)$ _____ b. $(6, -10)$ _____ c. $(-2, -2)$ _____ d. $(4, 4)$ _____

6. Determine whether each ordered pair is a solution of $y = -5x + 19$.

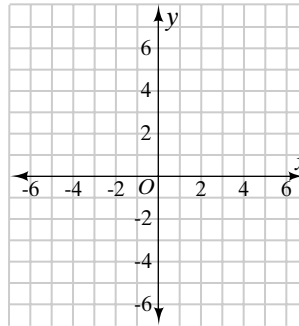
- a. $(-3, 4)$ _____ b. $(0, 19)$ _____ c. $(2, 9)$ _____ d. $(-4, 39)$ _____

Graph each linear equation.

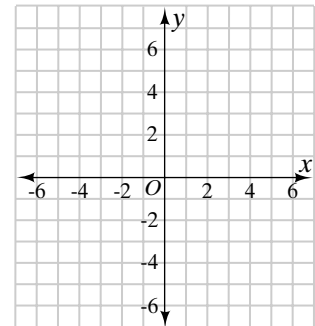
7. $y = -4x + 6$



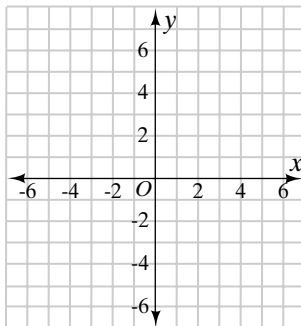
8. $y = \frac{5}{2}x - 5$



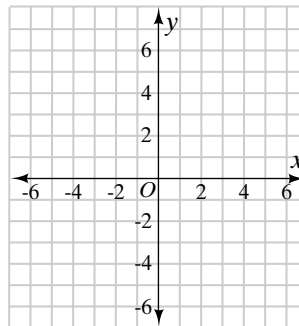
9. $y = -\frac{1}{2}x + 3$



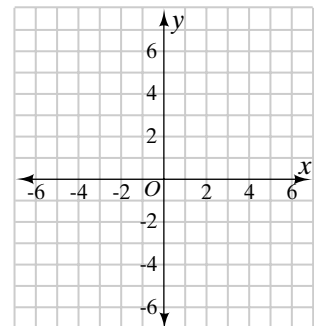
10. $y = \frac{1}{2}x - \frac{1}{2}$



11. $y = -2x + 7$



12. $y = -3x - 1$



13. Jan wants to buy maps for her trip. The maps cost \$2 each and she has \$25. Make a table and write an equation to represent the amount she will have left if she buys m maps.
